

## EAST Search History

| Ref # | Hits | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 19   | "630842"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND              | ON      | 2006/11/14 16:19 |
| S2    | 4    | (channel with estimat\$4 with compensat\$4) and (power near3 ratio) and absolute and (sort\$4 or ascend\$\$ or descend) and square\$3                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND              | ON      | 2006/11/15 09:30 |
| S3    | 3    | (channel with estimat\$4 with compensat\$4) and (power near3 ratio) and (absolute near4 value) and (sort\$4 or ascend\$\$ or descend) and square\$3    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND              | ON      | 2006/11/14 10:35 |
| S4    | 0    | ("2005/0185574").URPN.   | USPAT                                     | AND              | ON      | 2006/11/14 10:33 |
| S5    | 3    | (channel with estimat\$4 with compensat\$4) and (power near3 ratio) and (absolute near4 value) and (sort\$4 or ascend\$\$ or descend\$4) and square\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND              | ON      | 2006/11/14 10:36 |
| S6    | 45   | (channel with estimat\$4 with compensat\$4) and (power near3 ratio) and (absolute near4 value)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND              | ON      | 2006/11/14 10:36 |
| S7    | 2    | ("2004/0203397").URPN.   | USPAT                                     | AND              | ON      | 2006/11/14 10:48 |
| S8    | 0    | ("2004/0037262").URPN.   | USPAT                                     | AND              | ON      | 2006/11/14 10:51 |
| S9    | 103  | traffic near2 pilot near3 power near2 ratio  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND              | ON      | 2006/11/14 12:05 |
| S10   | 59   | traffic near2 pilot near3 (power adj ratio)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND              | ON      | 2006/11/14 12:06 |
| S11   | 58   | traffic near2 pilot near2 (power adj ratio)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND              | ON      | 2006/11/14 12:12 |
| S12   | 459  | (estimat\$4 with compensat\$4) and absolute and (sort\$4 or ascend\$\$ or descend) and square\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND              | ON      | 2006/11/14 12:08 |
| S13   | 2    | S11 and S12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND              | ON      | 2006/11/14 12:08 |

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|     |       |   |   |     |    |                  |
|-----|-------|---|---|-----|----|------------------|
| S14 | 482   | (estimat\$4 with compensat\$4) and absolute and (sort\$4 or ascend\$\$ or descend\$4) and square\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 12:09 |
| S15 | 2     | S14 and S11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 12:09 |
| S16 | 394   | (estimat\$4 with compensat\$4) and absolute and (sort\$4) and square\$3                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 12:10 |
| S17 | 2594  | (estimat\$4 with compensat\$4) and absolute and square\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 12:11 |
| S18 | 2     | S17 and S11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 12:10 |
| S19 | 15217 | (estimat\$4 and compensat\$4) and absolute and square\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 12:11 |
| S20 | 2     | S19 and S11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 12:11 |
| S21 | 12    | traffic near2 pilot near2 (power adj ratio) and estimat\$4 and compensat\$4                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 12:13 |
| S22 | 0     | ("2003/0128744").URPN.  | USPAT                                     | AND | ON | 2006/11/14 14:04 |
| S23 | 56    | 375/260.ccls. and S19   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 16:20 |
| S24 | 22    | 375/260.ccls. and S17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 16:21 |
| S25 | 8     | 375/261.ccls. and S17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 16:24 |

## EAST Search History

|     |     |   |   |     |    |                  |
|-----|-----|---|---|-----|----|------------------|
| S26 | 2   | 455/452.1.ccls. and S17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 16:25 |
| S27 | 3   | 455/452.1.ccls. and S19   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/14 16:26 |
| S28 | 59  | (channel with estimat\$4 with<br>compensat\$4) same square\$3                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/15 09:31 |
| S29 | 2   | (channel with estimat\$4 with<br>compensat\$4) same (square\$3<br>with absolute with value) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/15 09:38 |
| S30 | 379 | power with square\$3 with<br>(absolute adj value)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/15 09:39 |
| S31 | 1   | calculate with (average adj power)<br>with square\$3 with (absolute adj<br>value)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/15 13:00 |
| S32 | 56  | calculate with (average adj power)<br>advantage (absolute adj value)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/15 13:00 |
| S33 | 0   | calculate with (average adj power)<br>with advantage (absolute adj<br>value)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/15 13:00 |
| S34 | 0   | calculate with (average adj power)<br>with advantageous (absolute adj<br>value)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/15 13:01 |
| S35 | 0   | (average adj power) with<br>advantageous with (absolute adj<br>value)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/15 13:03 |
| S36 | 0   | (average adj power) with<br>advantag\$5 with (absolute adj<br>value)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/15 13:03 |
| S37 | 0   | (average adj power) with<br>advant\$8 with (absolute adj value)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/15 13:03 |

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|     |   |   |   |     |    |                  |
|-----|---|---|---|-----|----|------------------|
| S38 | 0 | (average adj power) with benefit<br>with (absolute adj value) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2006/11/15 13:03 |
|-----|---|---|---|-----|----|------------------|